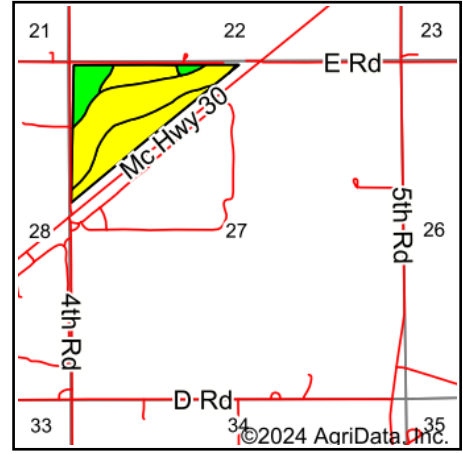
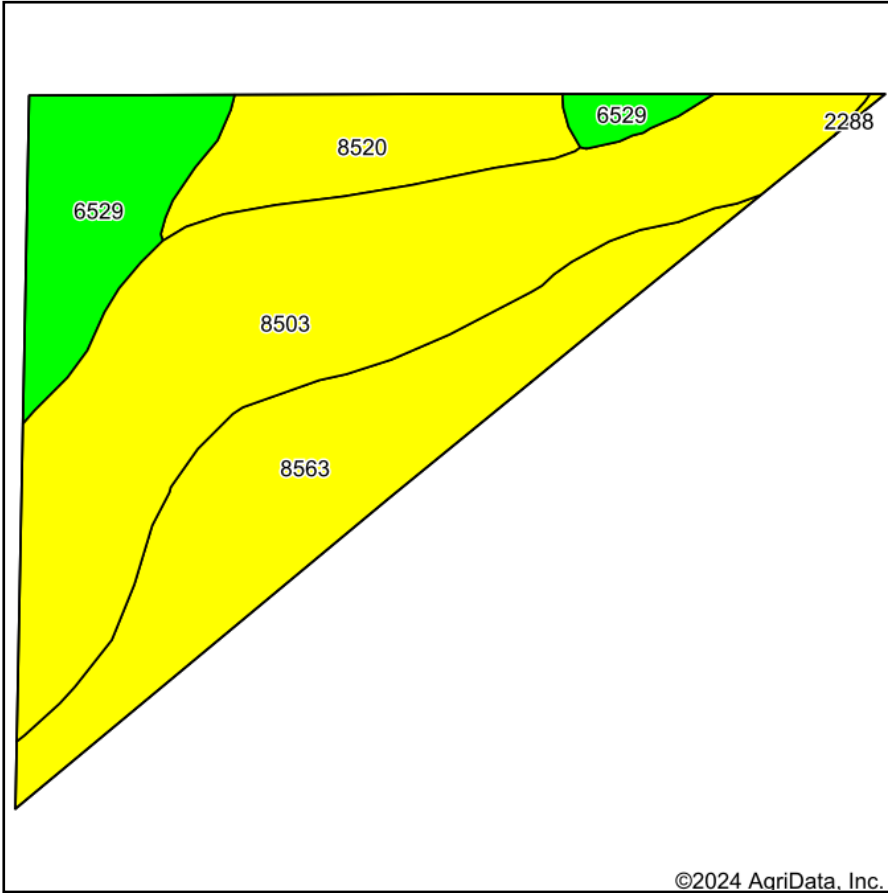


Soils Map



State: **Nebraska**
 County: **Merrick**
 Location: **27-12N-8W**
 Township: **Vieregg**
 Acres: **64.08**
 Date: **1/29/2024**



Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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Soils data provided by USDA and NRCS.

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Area Symbol: NE121, Soil Area Version: 23

Code	Soil Description	Acres	Percent of field	SRPG Legend	Non-Irr Class *c	Irr Class *c	Range Production (lbs/acre/yr)	SRPG	Alfalfa hay Tons	Alfalfa hay Irrigated Tons	Corn Bu	Corn Irrigated Bu	Grain sorghum Bu	Grain sorghum Irrigated Bu	Soybeans Irrigated Bu	Winter wheat Bu
8503	Lex loam, occasionally flooded	29.95	46.7%		IIIw	IIIw	4851	38	3	6	64	148	74	114	39	33
8563	Platte loam, occasionally flooded	17.82	27.8%		IVw	IVw	4640	32	2	3	33	94	52	81		19
6529	Janude sandy loam, very rarely flooded	8.93	13.9%		Ile	Ile	3000	66	3	6	75	154	75	120	42	33
8520	Merrick loam, rarely flooded	7.32	11.4%		I	I	4900	78	5	6	70	160	80	130	48	42
2288	Wann loam, 0 to 2 percent slopes, occasionally flooded	0.06	0.1%		IIw	IIw	5872	49								
Weighted Average					2.91	2.91	4540.9	44.8	2.9	5.2	57.5	135.1	68.6	107.4	29.6	29.6

*n: The aggregation method is "Weighted Average using all components"

*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.

Maximum NDVI 2023

Client:

Farm:

Field:

Acres: 64.08

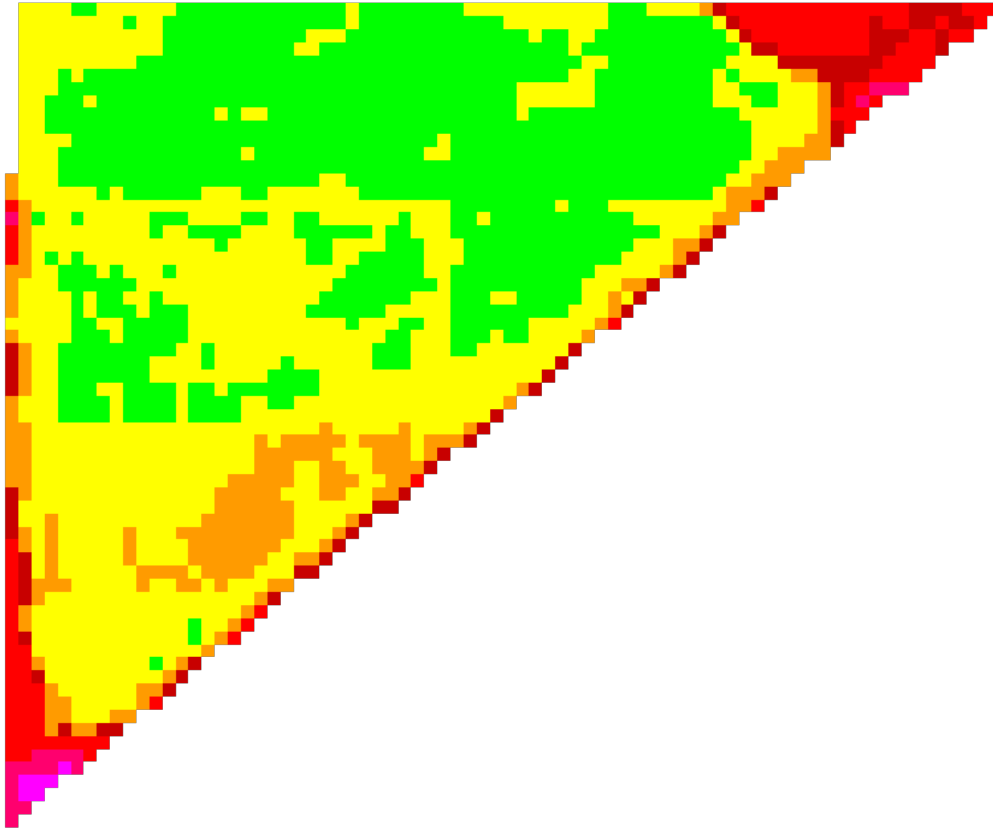
Date: 1/29/2024

Crop:

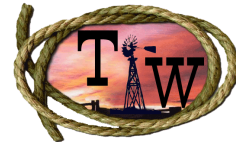
Soils Weighted Average

NCCPI Overall: 44.6

Remarks:



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Low RELATIVE BIOMASS High	Value	Acres	%Field	NCCPI
Dark Green	86 - 99			
Green	81 - 85			
Light Green	76 - 80	25.8	40.2	50.5
Yellow	71 - 75	26.6	41.5	41.4
Orange	66 - 70	5.7	8.9	36.1
Red-Orange	61 - 65	2.3	3.5	37.8
Red	51 - 60	3.1	4.9	40.5
Pink	41 - 50	0.5	0.7	34.3
Magenta	21 - 40	0.1	0.2	33.0
Purple	1 - 20			
Blue	0 - 0			

Std. Dev: **5.9**

Mean: **72.8**

Max: **79**

Min: **31**

Max NDVI Dates:

Start: 5/1

End: 9/29

Map Center: 40° 59' 6.39, -98° 13' 13.83

State: NE

County: Merrick

Location: 27-12N-8W

Township: Vieregg

Elevation (feet)

Min: 1,791.3

Max: 1,796.5

Range: 5.3

Mean: 1,793.3

Std. Dev: .8

Maps Provided By:

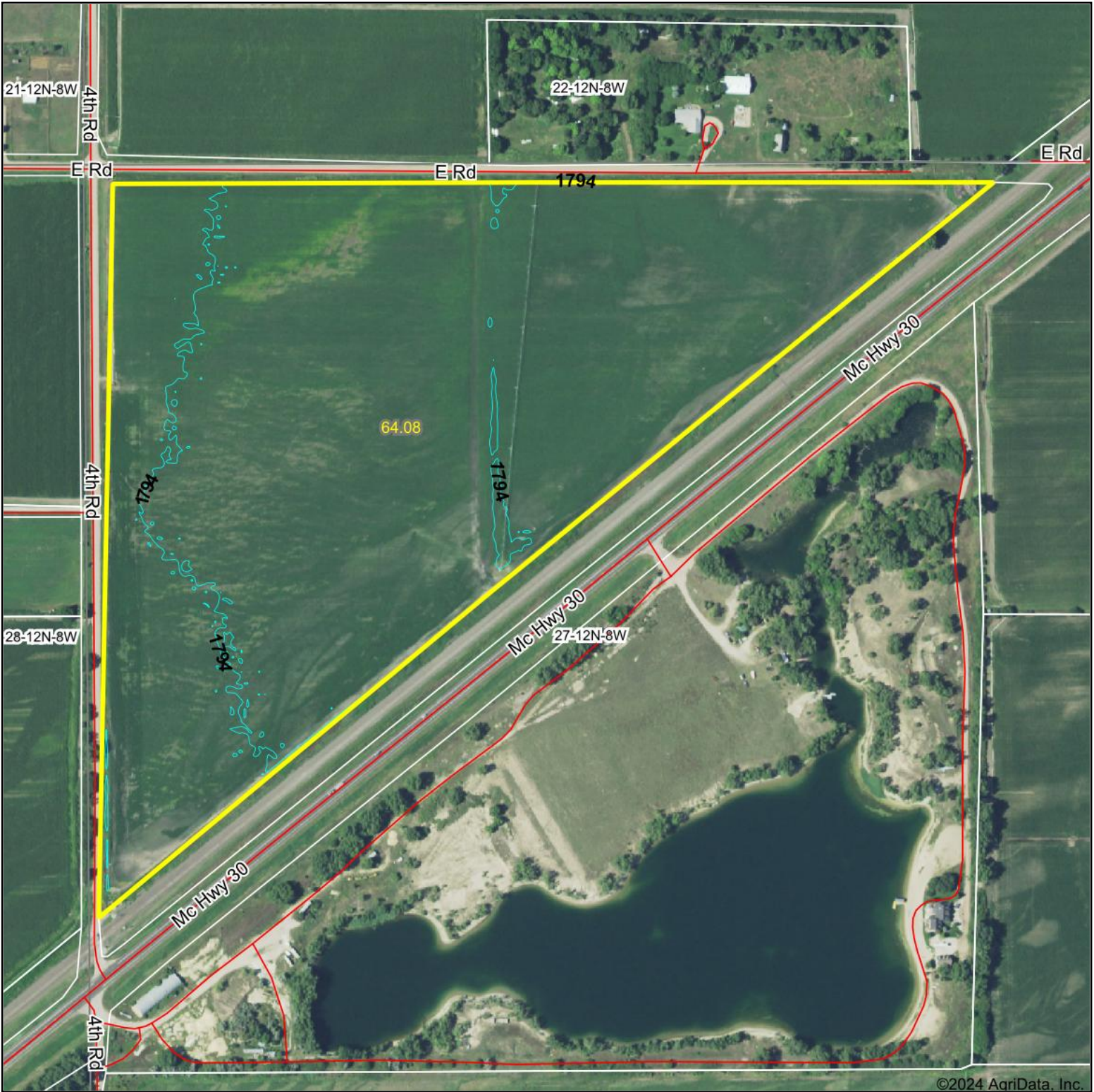


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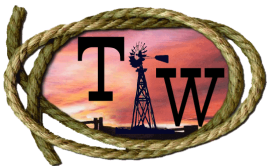
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Topography Contours



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Maps Provided By:

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Source: USGS 3 meter dem

Interval(ft): 3.0

Min: 1,791.3

Max: 1,796.5

Range: 5.2

Average: 1,793.3

Standard Deviation: 0.82 ft

0ft 458ft 916ft



1/29/2024

27-12N-8W
Merrick County
Nebraska

Boundary Center: 40° 59' 6.39, -98° 13' 13.83

Field borders provided by Farm Service Agency as of 5/21/2008.

Nebraska Department of Natural Resources

Processed: 1/28/2024 5:35:00 PM

REGISTERED GROUNDWATER WELLS DATA RETRIEVAL Search Results Maximum 100 Per Page

Note:

Public Water Supply information is not available through this tool. If you have a need for such information, please submit a request through the following link:

Submit a NeDNR Assistance Request Form

(<https://app.smartsheet.com/b/form/6eea8b5f1c5641d199121b7cccd6a91e>) . The well owner will be contacted for the purpose of authorizing access to information about their well(s). All registration documentation for water wells registered after January 1, 1969, except Public Water Supply wells, are now available.

Due to possibility of a well being in more than one series, an individual well might be listed more than once.

3 Records Found

Registration# Well ID Permit Number	Use Status	County Name NRD Name Well Location Footage Latitude Longitude	Completion Date Filing Date Decommission Date Times Replaced Online Registration ID (NOLID) Well Driller License Number	Acres Irrigated Gallons/Minute Static Level Pumping Level Series	Pump Column Diameter Pump Depth Well Depth	Owner's Name Owner's ID Address
G-011678 WellID: 16723	I X	Merrick Central Platte 12N 8W 27 NENW 400N 1380W	06/01/1944 09/19/1957 ---	160 1500 gpm 4 ft 5 ft PRO	--- --- ---	Robert & Bonnie Clark OwnerID: 95396 1025A 5th Road Chapman NE 68827

<p>G-011679 WellID: 16724</p>	<p>I A</p>	<p>Merrick Central Platte 12N 8W 27 NWNW</p> <p>40° 59' 11.410" -98° 13' 30.350"</p>	<p>09/15/1952 09/19/1957</p> <p>---</p>	<p>40.5 750 gpm 12 ft 55 ft PRO</p>	<p>8 in --- 55 ft</p>	<p>Robert & Bonnie Clark OwnerID: 95396 1025A 5th Road Chapman NE 68827</p>
<p>G-071557 WellID: 79719 CP6188016</p>	<p>I X</p>	<p>Merrick Central Platte 12N 8W 27 NWNW</p> <p>40° 59' 13.200" -98° 13' 16.210"</p>	<p>05/06/1989 07/05/1989 04/02/2021</p> <p>---</p> <p>39096</p>	<p>23.6 500 gpm 10 ft 37 ft PRO</p>	<p>6 in --- 60 ft</p>	<p>Robert & Bonnie Clark OwnerID: 95396 1025A 5th Road Chapman NE 68827</p>

Showing 1 to 3 of 3 records